

THE A.P.R.O. BULLETIN

The A.P.R.O. Bulletin is the official copyrighted publication of the Aerial Phenomena Research Organization Inc. (A.P.R.O.), 3910 E. Kleindale Rd., Tucson, Arizona 85712, and is issued every other month to members and subscribers. The Aerial Phenomena Research Organization Inc., a non-profit corporation established under the laws of the State of Arizona and a federally recognized scientific and educational tax-exempt organization, is dedicated to the eventual solution of the phenomenon of unidentified flying objects. Inquiries pertaining to membership and subscription may be made to the above address.

TUCSON, ARIZONA – SEPTEMBER, OCTOBER, 1970

MAN BLINDED IN UFO ENOUNTER

Cycle Chased In Colorado

We are grateful to Mr. George C. Wilson of Farmington, New Mexico for his investigation of the following incident which occurred near Cortez, Colorado on the night of the 13th of October, 1970:

At 8:45 p.m. Dale Kell, 17 and his friend, Diana Bard, were riding Dale's motorcycle on a dirt road several miles south of Cortez. A long, glowing oval or jelly-bean-shaped object rose out of the sagebrush about a hundred yards from the highway, approached the pair, then chased them for several miles. Frightened, the young people stopped at a house, hoping to get someone else to see the thing. When they stopped, the lights on the object, one orange and one white, went out and they could not see it anymore. They drove on to the Kell residence which is located about 5½ miles southwest of Cortez. They related their experience to Mr. and Mrs. Kell, after which Dale's parents and grandparents as well as two of the younger children (11 and 13) got into the family car and drove to the area described by Dale and Diana.

Upon arrival, they stopped the car and turned out the lights. Dale and Diana, behind them on the motorcycle, passed the car and drove up the road about a mile. At this time the occupants of the car watched as a glowing object rose from the ground some distance from the road and approached the motorcycle. Mrs. Kell started the car, turned on the lights and drove toward where Dale and Diana were, whereupon the object's light turned off and it was not seen again.

During the course of his investigation Mr. Wilson noted a few discrepancies concerning the condition of the sky (Mrs. Kell said it was overcast, Dale and Diana said the sky was clear and they could see the moon), and the general description of the object.

Dale described an orange-white object and was not clear as to whether this involved two lights on an object or an orangish-white object. Both agreed that the size of the object, however, was approximately that of a pickup truck (length) and that it was between 10 and 15 feet high. They also said that when the object chased them it lit up the roadway so brightly that they were not even aware

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The Eastern UFO Symposium

The following information has been provided by the Executive Committee of the Aerial Phenomena Investigating Group (APIGB) of Baltimore concerning the details of the Eastern UFO Symposium to be held in the ballroom of the Holiday Inn located at Lombard and Howard Streets in the heart of Baltimore, Maryland on January 23, 1971. The Symposium is being sponsored by APRO International and APIGB.

Proceedings will commence at 3 p.m. and the afternoon speakers will be Mr. Thomas Olsen, nuclear engineer employed at the Teledyne Corporation, Isotopes Nuclear Systems Division and Chief of the UFO Information Retrieval Center, Inc., and Theodore Spickler, Assistant Professor of Physics, West Liberty State College, Wheeling, West Virginia, both of whom are Field Investigators for APRO.

Mr. Olsen's presentation will be "Common Features of 160 Sighting Reports" and will feature slides. Mr. Spickler will address himself to the subject of the relevance of plasmas and ball lightning to the UFO problem; the title of his presentation will be "The Plasma Problem."

The Symposium will adjourn at approximately 5 p.m. for the dinner hour. There are three restaurants in the Holiday Inn and attendees should have no problem finding accommodations.

The evening session of the Symposium will commence at 7 p.m. at which time Mrs. Lorenzen, Secretary-Treasurer of APRO, Inc., will deliver her address titled: "After Condon." She will be followed by the featured speaker for the Symposium, Dr. J. Allen Hynek, Head of the Astronomy Department of Northwestern University and formerly consulting scientist to the Air Force's Project Blue Book. The title of Dr. Hynek's presentation was not known at press time but we are certain that his address will be a high point of the symposium.

Dr. Hynek's talk will be followed by a general question-and-answer period during which the four speakers will answer questions from the audience.

The fee for both sessions of the (See Symposium – Page Five)

ENCOUNTER

Mrs. Irene Granchi, APRO Field Investigator in Rio de Janeiro, Brazil, has forwarded the following details of her investigation of a series of sensational incidents at the Barragem do Funil, a power plant of the Furna Electric Center at Itatiaia, in the state of Rio:

Almiro Martins De Freitas, 31, is married, has three children and is considered honest and dependable. He is employed as a patrol guard at the power plant and dam, which is considered a National Security location and therefore employees are carefully investigated and screened.

On the night of Sunday, August 30 at 9:45 p.m., De Freitas was at his usual post in the powerhouse near the precipice of the dam when he saw a row of at least fifteen blue and yellow lights and the beauty of the blue color impressed him very much. They appeared to come from apertures or "portholes" of elliptical shape and about a meter (40 inches) across.

After leaving the power-house he heard an explosion and the lights went off for a few seconds and it was then that he saw the object at a distance of about 50-60 meters (165-200 feet). He crawled along the dam closer to the object, finally arriving at a point approximately 15 meters (50 feet) from the object. The form behind the lights was a rectangle, much like a "flying wing."

His first reaction was one of fear and he wanted to flee, but the object was over the dam and he remembered that if the dam broke four towns and thousands of lives would be lost, so he kept on toward the object.

Then he drew his gun and fired a shot at the object, and the lights on it grew brighter and a noise like that of a turbine of a jet plane filled the air. He fired another round from his 38 double barrel.

At this time a bluish-silver ray shot out of the object (he couldn't determine the exact spot from which it issued – but it was either from under or to the side of the "portholes") and he felt great heat on his body and a feeling of prickling like "pins and needles." He closed his eyes and when he opened them later he could no longer see.

Subsequent questioning of De Freitas disclosed the following: The lights on the (See Encounter – Page Five)

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APRO Press Conference

On September 19, 1970, APRO held a press conference at its Alvernon Way office, at which the Scientific UFO Research Award (consisting of plaques and \$200 in cash) was given to Dr. Walter W. Walker and Dr. Robert W. Johnson (see July-August *Bulletin* for details). Both are Consultants to APRO in Metallurgy.

Dr. Walker accepted Dr. Johnson's plaque and Dr. Frieden, APRO Consultant in Optics, accepted the plaques for Dr. Ellwood and Dr. Hardy, both of whom received Honorable Mentions. The presentations were made by Mr. L.J. Lorenzen, Director of APRO. Part of the press release will be reproduced below as it reflects APRO's current stand on the UFO problem (the first part of the release details the Ubatuba magnesium findings reported in the July-August *Bulletin*):

"... Up to the present, APRO has approximately 20,000 reports of UFO observations received from over 50 countries during the past 19 years. Correlations of these reports have indicated some patterns of intelligence behind UFO performance and behaviour. A project is currently underway to computerize all the existing reports, thus enabling more expedient acquisition of the various kinds of data and allowing far more comprehensive correlations.

"It is APRO's position that the UFO phenomenon is important enough to warrant a scientific and objective investigation, regardless of its nature or origin. Although the Ubatuba magnesium is a very strong indication of extraterrestrial origin for some UFOs, there is no absolute proof that this is the case.

"On the other hand, considering the age of our galaxy (the Milky Way), the number of probable planets bearing intelligent life with an advanced technology and the number of star-traveling civilizations, there is no reason why extraterrestrial intelligence could not visit us at this time. Although *homo sapiens* does not yet have the engineering capability to undertake inter-stellar travel, there are no known physical laws which would ultimately make inter-stellar travel impossible.

"It is therefore important that research on the extraterrestrial hypothesis be conducted, regardless of whether some believe this is "probable" or "improbably." APRO is bringing to bear the various scientific disciplines on the problem. Only in this way will answers be forthcoming."

The press conference was televised by KGUN-TV and KOLD-TV of Tucson and press coverage was given in *The Arizona Daily Star*, *The Arizona Daily Wildcat*, *The Tucson Citizen* (Tucson) and *The Phoenix Gazette* (Phoenix). During the

following week, Dr. Walker and Mr. Richard Greenwell appeared on The University of Arizona KUAT-TV to discuss the Ubatuba magnesium and UFO research, and Mr. Greenwell discussed these topics extensively on KTUC-RADIO and KOPO-RADIO.

Staff Member

Tours Western States

Experience has demonstrated the vital importance of personal contact between the central APRO office and individuals participating in APRO's various activities.

To this end, Mr. Richard Greenwell, APRO Assistant Director, convened a Field Investigators meeting and a meeting of the Committee for Computer Data Processing (CCDP) at the Costa Mesa home of Mr. Rayford R. Sanders, APRO Consultant in Aeronautics and Chairman of CCDP on August 16, 1970. Field Investigators from the Los Angeles suburbs and some from as far south as San Diego attended and various topics pertaining to APRO activities and general UFO research were discussed. Dr. Philip Seff, APRO Consultant in Geology, drove to Costa Mesa from Redlands to attend.

Mr. Greenwell also visited Field Investigators in Santa Barbara and met separately with Dr. Robert M. L. Baker and Dr. Robert M. Wood. Dr. Baker, of Computer Sciences Corporation, has agreed to analyze movie films for APRO and possibly assist in making recommendations in the APRO computer program. Dr. Wood, of McDonnell-Douglas Astronautics Co., was helpful in providing recommendations and opinions related to various APRO projects now underway, including the computer program.

Beginning August 21, Mr. Greenwell journeyed to New Mexico, Colorado and Wyoming, visiting Field Investigators Gary Kinemond and Dr. Kenneth Hessel, both of Sandia Laboratories in Albuquerque, and Dr. John. S. Derr (APRO's Consultant in Seismology), of Martin Marietta Corp. in Denver. Dr. Derr has agreed to undertake a study of "earthquake lights" and UFO sightings reported before, during and after seismic activity.

On August 23, Mr. Greenwell and Dr. Derr attended a meeting at the home of Mr. Ken Steinmetz, APRO Field Investigator, in Denver. In Boulder, Greenwell met with Dr. David Saunders, Professor of Psychology at the University of Colorado and author of the book "UFOs? Yes!" They discussed the University of Colorado UFO Project (Dr. Saunders was a former Principal Investigator before being fired by Dr. Condon, the Project Director) and other areas of general research, including computer applications to UFO reports, a subject in with which

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Staff —*(Continued from Page Two)*

Dr. Saunders has been actively involved, in a private capacity.

Also in Boulder, Mr. Greenwell met with Dr. Joachim P. Kuettner, Head of the Advanced Research Projects of the Environmental Science Services Administration (ESSA), U. S. Department of Commerce, and his assistant, Mr. Vernon Zurich. Dr. Kuettner is Chairman of the American Institute of Aeronautics and Astronautics (AIAA) UFO Subcommittee, which has been studying the UFO problem for two years.

Dr. Kuettner expressed interest in the current state of APRO's activities and views were exchanged on the future of UFO research. The long-awaited AIAA statement on the subject should appear in *Astronautics and Aeronautics* before the end of 1970. (*The APRO Bulletin* will carry a report on the AIAA Statement after it appears).

In Fort Collins, Mr. Greenwell met with Mr. George Palos, a member of CCDP, and in Laramie he conferred with Dr. R. Leo Sprinkle (APRO Consultant in Psychology), Associate Professor of Psychology at the University of Wyoming. Dr. Sprinkle has been applying hypnotic techniques to UFO interviewing and has been studying and correlating cases involving alleged telepathic communications with "UFO crews."

APRO Operating Procedures

From time to time members inquire about the inner workings of APRO so it has been decided to give a brief run-down of activities at Headquarters. Some members think of APRO in terms of *The APRO Bulletin*. However, APRO is not just a magazine or periodical. APRO is an organization. When one pays \$5.00 per year one is not merely subscribing to a bulletin but is *supporting a research organization*. Publishing the *Bulletin* is not the only function performed by APRO.

APRO's only source of income is the revenue from memberships and subscriptions. Every inch of space in the *Bulletin* and every other activity APRO conducts is paid for entirely by the \$5.00 annual membership dues, plus occasional donations from members and others.

Besides the *Bulletin*, which absorbs approximately 30% of APRO's total budget, there are the following expenses: office rent, lease of office equipment (copier, postage meter), purchase of office supplies, salaries, postage, telephone service and expenses involved in analyses of UFO residues, analyses and development of films and other related research.

APRO Staff members perform the following functions: Mr. Lorenzen: overall direction of the organization, outlining policy after consultation with other Staff members and the Board of Directors; Mr. Greenwell — general administration, coordination of research projects among Consultants, coordination of field investigations, public relations; Mrs. Lorenzen — coordination of field investigations, public relations, editing *The APRO Bulletin*, maintaining the APRO report files, keeping the Corporation's books, dispersing finances, opening, distributing and logging the mail; Mrs. Cooper — directs the membership department, answering inquiries pertaining to membership and processing new members; Mr. Richard Achzehner — handles translations of incoming foreign mail.

Mr. Lorenzen performs his tasks in the evenings and on weekends (without pay) as he is employed as an engineer at a local electronics manufacturing firm. Mr. Greenwell presides over the business office from Monday through Friday. Mrs. Lorenzen performs her duties from five to seven days a week, as needed, and receives no remuneration.

In addition to the above named staff members, APRO is assisted by the following part-time volunteer personnel:

Mr. Michael Bruno, Mrs. Helen Carroll, Mr. Thomas Gautier, Mrs. Lucinda Harris, Mrs. June Nuzik, Mr. John Phelps, Mr. James Stavem, Mrs. Charlotte Taylor and Miss Shao Thomas.

It is a continuing policy of APRO to increase the quality of the *Bulletin* contents, both in investigated, documented cases and in research or discussion papers. Also, speculative articles which tend to expand our understanding of the UFO problem will be published occasionally.

We call upon all members to support APRO and its activities and to assist by renewing at the appropriate time each year.

Lorenzen Books

This office frequently receives queries from the membership concerning which books the Lorenzens have written, their price and where they may be obtained. They are: "The Great Flying Saucer Hoax", privately published, hardcover, in 1962 and available in limited numbers directly from Mrs. Lorenzen at APRO's address. The price is \$4.45 postpaid.

The others are: "Flying Saucers - The Startling Evidence of the Invasion from Outer Space," published by Signet (No. T-3058) in soft cover in 1966 and priced at 75c. It is a revised version of the hard cover book "The Great Flying Saucer Hoax."

"Flying Saucer Occupants, (No. T-3205), Signet, 1967, 75c. "UFOs over the Americas," (No. T-3515), Signet, 1968 75c. "UFOs The Whole Story,"

(No. T-3897), Signet, 1969, 75c.

The latter four soft cover books can be ordered from your local soft cover book dealer or paperback department of your book store. If this is not successful order directly from New American Library, 1301 Ave. of the Americas, New York, New York, 10019, enclosing the name and number of the book and your remittance (check or money order — no cash) for \$1.00 to cover cost of the book plus handling and postage. THESE BOOKS ARE NOT AVAILABLE FROM APRO HEADQUARTERS.

Mrs. Lorenzen's new book, "The Shadow of the Unknown" which is a collection of information on various mysterious sky objects, sea mysteries, etc., will be published by Signet in November, 1970, No. T-4427. It also can be ordered from your local book store or directly from New American Library. Mrs. Lorenzen would like to apologize for the error made by NAL's copywriter on the cover of the book where she is described as "world-renowned psychic investigator," which she is not and does not claim to be. True, she has been interested in psychic phenomena for many years and the book contains some reports of psychic phenomena investigated by her, but it cannot be properly be called her specialty.

Follow-Up Reports

The following information has been received from Finn Einar Myhre, APRO's Representative in Norway, pertaining to the sighting of a UFO by the crew of Thor Heyerdahl's Ra (see the July-August *Bulletin* for details). Mr. Heyerdahl's new book "RA" has been published and it contains the following description of the object seen:

"That night we got a fright of a completely new nature. Norman woke me before the change of the guard at 30 minutes past midnight on June 30th. I sat up in my sleeping bag and began to put on my stockings as it was cold on the bridge. He called again, saying, "Come quickly, quickly. Look there!"

"I jumped out of the opening in the basket-wall with Santiago hurrying after me and we hoisted ourselves over the roof of the cabin looking in the direction Norman was pointing.

"Arising up over the horizon on the port side and in a north-westerly direction, a round disk, which never completely came up from the water, but grew and grew like a weird aluminum-colored giant moon on its way upward, partially hidden behind the sea-margin. It was like a compact nebula, lighter than the Milky Way and perfectly symmetrically round it grew in dimensions like a mushroom

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Reports —*(Continued from Page Three)*

without a stalk. It seemed as if it approached us, came sagging straight toward us as it extended constantly wider out into the sky. The moon was on the opposite side and the night was starlit and without a cloud.

"My first thought was reflection against a damp night sky from a huge "beamer" (apparatus which throws lights or beams) behind the horizon. My next was a nuclear cloud caused by a human false step, or an aurora borealis phenomenon. But the feeling that it was a "lighting shower of alien frames" which approached us from the universe prevailed until the disk covered about 30 degrees of the sky. Then it suddenly stopped growing, dissolved almost imperceptibly and vanished."

Heyerdahl then goes on to describe their shooting of rocket flares to indicate their position to the "CALAMAR." They made contact with the Calamar by radio and learned that their flares had not been detected nor had anyone been on deck when the illuminated disk appeared. The next morning Heyerdahl and his crew learned via a radio amateur on Barbados that the same phenomenon that had been seen from the Ra had also been observed from several of the West Indian Isles, but in a north-easterly direction."

Our second follow-up involves the front page banner story of the July-August issue involving the R. family of Apopka, Florida. Mrs. R., who since her sighting has become a member of APRO, informs us that her baby, age 2½ had the "dry heaves" (nausea and vomiting with no material brought up) all day after the sighting was made. For some time the baby, ordinarily quite a tranquil and cheerful little fellow, became cranky and irritable and is just now returning to his own usual cheerful self. Mrs. R. also said that her other son and she had terrible headaches beginning that night after the sighting, hers being described as the "worst I've ever had in my life." She says they have only subsided just recently and her son still has nightmares. The baby frequently wakes her up at night and asks that a light be put on. Neither of the children had been afraid of the dark before.

She concludes: "I couldn't tell you if it is from our experience or not. I can only say I never had trouble with Allen vomiting before or after, not even when he gets stomach viruses. He's always been easy to care for, an exceptionally good baby."

Our third follow-up report comes from Mr. K. Gosta Rehn, APRO's Swedish Representative who relays the following information about the Viljo-Heinonen case in Finland, also described (and illustrated) in the July-August issue of the

Bulletin.

Both men have suffered physical effects of their apparent encounter with the UFO. They have suffered difficulties with their balance, fatigue at the slightest effort, headaches, pains in the eyes which were swollen, gaps in their memory. Mr. Heinonen has experienced bad dreams and since the sighting seems to have confused the "little creature" with his friend Viljo of whom he is now afraid. The doctor who originally saw the two men was transferred to Helsinki and the new doctor was very nonchalant about the men's complaints and symptoms and gave no credence to their account of the incident.

At this time we would like to correct an error in the original account; the article by Bo Ahlgvist was from a Swedish magazine (not Finnish as reported).

Three UFOs Over Missouri

On the 4th of October at 6:30 p.m. three unusual objects were viewed from the highway leading from Ursa to Quincy, Illinois. The witnesses are known to one of APRO's Field Investigators but do not wish to be identified. We will quote directly from the lady's report:

My husband, my daughter and I went for a ride up to Ursa and back to look at a lake we fish in. We were heading back to Quincy on a new bottom road west of Ursa. It was 6:30 p.m. and just beginning twilight. We were heading south and I looked out the window to the west and noticed these two objects just hanging in the sky. Dad stopped and we got out to watch and then saw a third one. They were very far off but there were no clouds or stars or anything else around them.

"Two were like red balls and the third looked like it was long and gray and at an angle (about 30 degrees from the horizontal — Ed.) We watched for about ten minutes, then the one closest to the long gray one started moving toward the one nearest the horizon. It passed under it and disappeared heading southwest. Then the greyish one started moving to the north and climbed very high leaving a very noticeable pinkish, short trail. We watched it disappear into the north.

"It wasn't long until the one nearest the horizon started moving. It climbed higher and higher, going north and then east and a definite short trail was behind it. It was terribly high but we watched until it disappeared into the northeast. After it started to move higher it did not appear red but was a definite moving object leaving a short trail. We watched from 6:30 p.m. until 7:05 p.m. No airplane could have sat as stationary as they were in the sky when we first saw them. The sky at the horizon was still colorful but the sun was down. Perhaps

the two lower ones were still in a position to catch the sun's rays which gave them the red color. It would be hard to say which state they were over because I don't know how far one can see from here. It would have been at least Missouri or farther west. I do know we were fascinated and it was a very interesting spectacle.

Objects Viewed**At Hyannis, Mass.**

Two off-duty part-time policemen observed four strange milky-white objects in a northeast to southwest passage over Hyannis, Massachusetts at 12:35 a.m. on the morning of August 7, 1970. One of the men, Mr. C., is a school teacher and does not care to be identified. The incident was investigated by APRO Field Investigator Raymond Rodriguez.

Mr. C. who was the first to spot the objects, was appalled at what he saw, as he had always been a skeptic about UFOs. His first impression was that children were playing with some type of bubble machine nearby. He abandoned this theory a split second later when he realized that the objects were going at a high rate of speed. He just had time to call them to the attention of his partner, Mr. F., so that the latter saw only two of the objects.

The objects were milky white in color, oval in shape, at first clearly defined and later hazy-appearing as they went out of sight. They passed overhead, one after another, and were estimated to be going at 200 or 300 miles per hour at an altitude of approximately 10,000 feet. Each object appeared to be about 1/2 inch in length (at arm's length) and were viewed for ten seconds by Mr. C. and for about 5 seconds by Mr. F.

The Bay City Michigan Incident

Various newspapers in Michigan carried the story of Roger Jayo, a young musician and automobile body repairman who claimed two UFOs had almost struck his car at 2:15 a.m. on October 10, 1970 while he was traveling on Highway M-15. APRO's Field Investigators were Mr. Clinton C. Williams Jr. and Fred Varner. Mr. Jayo reported to the Bay City police concerning the incident and after the basic information got into the newspapers and on local radio and television he was literally bombarded by telephone calls. The information:

Jayo was returning to his home in Bay City from a band engagement in Caro where he plays drums with a country and

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Encounter —*(Continued from Page One)*

object dimmed and brightened alternately in this manner: yellow, nearly white, scintillating blue, yellow, orangey, yellow, blue, and so on.

Other guards in the area also viewed the object and said De Freitas fired a third shot, screaming: "Don't look! Watch Out! The flash has blinded me!" All three bullets were heard as they ricocheted from something. When the others reached him, De Freitas could not move and they had difficulty getting him into the car to take him to the hospital.

Within fourteen days of the incident, after many tests and hypnotic questioning and treatment, De Freitas regained his sight. Prior to the hypnotic treatment De Freitas had had difficulty resting; afterward he slept and ate well and seemed rested and relaxed.

Mrs. Granchi succeeded in interviewing the doctor (Dr. Orlandino Fonseca) who treated Almíro, and who diagnosed the blindness as psychosomatic but nevertheless caused by a *real* experience. While at the Red Cross Hospital where he was ultimately taken after initial examination at the Aeronautics Hospital, Almíro was in the hands of security authorities and in isolation.

Other items of interest which are related to the Almíro Martins De Freitas case are the following:

At the point where the object allegedly hovered, which was newly poured and wet cement (and it had been raining heavily) the concrete had hardened and all around this area was a dry circle. Several days later the concrete at this spot was not only powdery but holes were evident.

The Ministry of Aeronautics announced on September 4, five days after the occurrence, that the case was under investigation and the results would ultimately be made public.

The area is under security guard and the cement where the object hovered is still rippled and cracked.

Almíro Martins De Freitas received a questionnaire from the National Aeronautics and Space Administration (U.S.) which was being completed by military authorities in Brazil. De Freitas was also personally closely questioned by the Brazilian Minister of War.

There were other UFO sightings in the area of Itatiaia, among which are the following:

A milk truck driver, Jose Norberto de Lima, who carries milk from dairies in Rezende and Itatiaia to Cruzeiro, São Paulo, has seen the apparition as described by De Freitas and the guards at Barragem do Funil so often that he has seriously considered quitting his job because of the ridicule which may result from making his experiences public.

Guards at Barragem have seen the object since De Freitas' experience and are literally in a state of panic.

On the third of September an object sporting "incandescent lights" approached the PAJEU Radio antenna emitting pink, blue and red lights and during its presence the station was off the air for a few moments. The tower controller had the presence of mind to turn the tower light off and on several times, whereupon the UFO left abruptly toward Pica de Carapuca, 12 kilometers away, where it was watched together with two other UFOs flying about the sky, by nearly all the residents of the town.

During the same time a country woman in Belo Horizonte State reported she had been chased by a UFO which gave off great heat on her back. It looked like a bluish-white lamp at about 50 meters distance (165 feet). As she ran from it, it rose into the air, changed color from bluish to orange. It followed her at a distance of 20 meters (65-70 feet) and finally disappeared. Two hours later the lady suffered a severe headache, visual disturbance and burns on her back.

On September 5th four guards at the Funil dam saw a UFO emitting lights at the same place where Almíro Martins De Freitas had his experience. Guards have been reinforced at the installation and have been instructed *not to shoot* at the UFO.

A subsequent sighting on September 6 by six guards at the Funil dam was of an object with red, yellow and green lights. It was observed while flying from mountain peak to mountain peak, flights fluctuating, and finally apparently landing beyond a river in the distance. Through his binoculars, Jose Antonio Silva discovered the shape of a squarish object much like a wingless aircraft.

We cannot thank Mrs. Granchi enough for her energetic pursuance of this case. And we might add that just such surveillance by the UFOs was predicted by the late Dr. Olavo T. Fontes, APRO's former Brazilian Representative. We do feel badly, however, about misguided souls, such as Walter Buhler of Rio de Janeiro who, for reasons not understood by rational researchers, characterized Dr. Fontes as an agent of the Central Intelligence Agency of the United States.

Symposium —*(Continued from Page One)*

Symposium will be \$3.75, *dinner not included*. The symposium fee should be remitted to Eastern UFO Symposium, 7869 Charlesmont Road, Baltimore, Maryland, 21222, via check or money order *ono later* than January 10th, 1971.

Those members who wish to obtain accommodations at the Holiday Inn should do so as soon as possible, through their

local Holiday Inn which operates a telephone reservation system.

We would like to urge all members, Field Investigators and Consultants within a reasonable distance to attend this symposium. The Executive Committee of APIGB, consisting of Donald Ratsch, Gerald Blackwell, Al Graziano and Ben Knife have put considerable time, effort and financial investment into this project and your support will be greatly appreciated.

None of the speakers will receive honorariums, but the expense involved in organizing this Symposium is considerable so we hope the Eastern membership will support it to the best of their ability.

Cyclist —*(Continued from Page One)*

of their own headlight being on. Mrs. Kell said that both of the youngsters were "scared white" when they arrived home after the initial experience.

While all of this was taking place, Steve Kell, 18½, the oldest of the Kell children, remained at home because he didn't believe his brother's and Miss Bard's story. But he did go outside to lie on the lawn and watch the sky. During his stay there a round, orange light came from behind the Kell house, passed above him, then went out of sight straight up into the sky. He said he had a "funny feeling," but was not frightened and went inside. Steve seemed to be the skeptic of the whole group, whereas the occupants of the car and Diana and Dale were completely convinced that something very unusual had happened.

Mr. Wilson checked the general area where the Kells said the object was seen with a geiger counter which registered no more than normal background radiation. The dogs at the Kell residence did not seem to be affected by the object observed by Steve.

Computer Program

APRO's Committee for Computer Data Processing terminated its study in September, as scheduled, and a proposal to several foundations is now being prepared by Mr. Smith, Technical Co-ordinator, Mr. Walter, Committee member and Mr. Sanders, Committee Chairman. Mr. Smith has offered to serve as full-time worker on the project, in Tucson or California, depending on the funding available. Meanwhile, APRO is negotiating with a large California company for free computer equipment use for the project. When further details on these matters are available, they will be published in the *Bulletin*.

Bay City—*(Continued from Page Four)*

western dance band. He first spotted the objects when the first one was what he estimated to be about 100 feet in front of him. He said he was afraid it was going to strike his car. He compared them to streetlights, saying, "If you was to go underneath them at about, say, a hundred miles an hour, hundred fifty miles an hour, but have somebody turn it on when you got about a hundred feet from it, that's what it looked like."

"They were real bright in the middle, and a darker ring around the outside of that, and then around the outside of that again it was like - milky. But whole thing was iridescent. It was about three shades of green, there was a green, bluish-green to it. The whole thing. And it was distinct."

"--- The first one was the lowest . . . The second one was a lot higher, and back, in back of that one. It was probably about a hundred feet (high)."

Jayo said he looked in the rear view mirror after they had passed overhead but saw nothing. He said he had no curiosity to stop and just accelerated his car and got out of there.

Apparently no sound was associated with the objects; however, Jayo's car engine may have blocked out any noise made by them. Jayo described at length his impression that the underside of the objects *only* was illuminated, drawing upon the comparison of a flashlight held vertically, whose illuminated lens could not be seen until the viewer descends below its level. He offered this angular relationship to account for his sudden observation of the close objects.

Another comparison he made was the following: as if a translucent white china dish were illuminated by a beam of light cast upward into its overturned bowl. Most light would reflect downward, but the contours of the dish itself would be defined by the milky light cast outwards. Both objects were the same shape and moving at the same rate of speed, and Jayo thought they might be disk-shaped. He also said he heard momentary static on his radio as they passed over the car.

Mr. Williams noted that Jayo's car has a tinted windshield of graduated dark blue-green, which may have accounted for some of the color of the objects.

Outside of being a genuine UFO (and what are they?) the objects seen by Jayo have only two other possible explanations: Plasmas or meteorites. The entire report will be turned over to the proper authority on APROs Consulting Staff and any subsequent comment will be published in the *Bulletin*.

Hospital Sighting In Wisconsin

On the morning of October 5, 1970 at 4:00 a.m. a nurse's assistant answered the bell of a patient who claimed that there were "monkeys" swinging from the trees outside and sitting on the window edge. We have decided to keep this lady's identity secret as she is a busy mother of four and sometimes the resultant calls of overenthusiastic UFO researchers can cause quite a problem (see the Bay City, Michigan report for an example).

However, we will quote her report as given to Field Investigator A. J. Andropolis of Sturgeon Bay, Wisconsin:

"I work the night shift twice a week at Memorial Hospital as a nurse assistant. I went into one of the three-bed wards to answer a patient's bell at about 4 a.m., Monday, October 5, 1970. The patient was sitting on the edge of the bed and kept telling me he saw monkeys swinging from trees and also sitting on the window edge. At this time I had not looked out the window. I told him to go back to sleep. He had rung the bell off and on for a long time and each time I had answered it. This last time is when he told me about the monkeys. The drapes were closed, but he could have been looking out before I came in. I got the patient back in bed and covered up and from the angle I was at I could see a bright light coming through the side of the drapes. I went to the window and opened the drapes and immediately observed this balloon-like object with a diffused yellowish-green color and pulsating motion with a stream of intense white light protruding down from the object. I was so shocked and startled that I stood there paralyzed looking at this object for about 5 minutes.

"It started to move up and away and as it did, the color seemed to change to an orange glow around the outer edge of the UFO. By the time I came to my senses I finally called another nurse. When we got back to the patient's room, all that remained was the streak of light gradually fading out. I never even gave any thought or connection with the monkeys the patient told me about, and the UFO, until I talked to Mr. Andropolis. Mr. A. told me about the incident at the Sutton Farm near Kelly, Kentucky for comparison. This patient could have seen something but all I saw is what I told Mr. A. This patient was always seeing something anyway. He is a little senile and a bit pesty, so it could be he didn't really see anything at all!" Unquote."

Mr. Andropolis, who is an art teacher, made a drawing of the area where the object was seen, which was the back side of the hospital where the emergency

entrance is located.

Questioning revealed that the object seen by the Nurse assistant was about 100 feet from the hospital and about 20 feet off the ground. It appeared to be huge, and she estimated it to be 100 feet long (including the white light) and 32 feet in diameter.

Four New APRO Consultants

APRO is pleased to announce the appointment of 4 new Consultants in the fields of Geochemistry, Oceanography and Philosophy. Joining the Consultants Panel are Dr. Harold H. Williams (Geochemistry), Dr. Dale E. Brandon (Oceanography), Dr. Robert F. Creegan (Philosophy) and Dr. Emerson W. Shideler (Philosophy).

Dr. Williams received his B.Sc. and M.Sc. degrees in Geology at the University of Alberta, Calgary, Canada and the University of Calgary in 1965 and 1967 respectively. His Ph.D. in Geology, specializing in Geochemistry, was obtained at McMaster University, Hamilton, Ontario, in 1969.

A former Research Geologist with Gulf Oil Canada Ltd. and AMOCO Canada Petroleum Co. Ltd., Dr. Williams has investigated trace element distributions in reefs and related facies and has performed limnological and geochemical studies of the Great Lakes and other lakes in Ontario. He has extensive experience in analytical chemistry using most analytical techniques and will be an asset to APRO in future analyses of alleged UFO residues. Dr. Williams is currently a Consulting Geochemist, having formed his own company, Sunwarta Minerals Ltd., in Calgary.

Dr. Brandon received his B.S. in Geology at Wayne State University in 1965, and his M.S. and Ph.D. in Oceanography at the University of Michigan, Ann Arbor, in 1966 and 1970 respectively. He served in the U.S. Navy (1955-1961) as a radarman and has been employed by Dames and Moore, Chicago, as a Staff Geologist and was a Geological Research Diver in the Department of Meteorology and Oceanography, University of Michigan.

A member of the AAAS, the American Geophysical Union and the Society of Economic Paleontologists and Mineralogists, Dr. Brandon has done research on the ecological relations between invertebrates and sediments, the Great Barrier Reef off Queensland, Australia, micro-temperature salinity regimes around coral islands and sand cays and deep-sea bottom currents and sediment distribution. He is very interested in those cases involving UFOs crashing or disappearing into the oceans,

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Consultants —

(Continued from Page Six)

as has been reported occasionally, and will conduct a study of this question for APRO. Dr. Brandon is currently a Senior Research Oceanographer with a major petroleum research laboratory in Houston, Texas.

Dr. Creegan received his B.A. at Marietta College, Ohio, and his M.S. and Ph.D. in Philosophy at Duke University, North Carolina. The author of numerous publications on philosophy and related fields, Dr. Creegan has been a Professor of Philosophy at Ohio University, Athens, the College of William and Mary, Virginia, and has taught psychology at Carlton College, Minnesota.

As a visiting Professor of Philosophy at The University of Arizona, Tucson, during the Summer of 1970, Dr. Creegan was able to visit APRO Headquarters on various occasions and productive discussions were held. Dr. Creegan is currently a Professor of Philosophy at the State University of New York, Albany.

Dr. Shideler received his A.B. at the University of Pittsburgh in 1937, his B.D. at the Chicago Theological Seminary in 1940 and his Ph.D. at the University of Chicago Divinity School in 1948. He has been a Professor of Philosophy and Religion at Hamline University, Minnesota, Carleton College, Minnesota, and Iowa State University. Dr. Shideler has conducted post-doctoral research in his field of religious philosophy in England, Taiwan, Japan, India and South East Asia, has published many papers and reviews and is the author of the book *Believing and Knowing: The Meaning of Truth in Biblical Religion and in Science*, Iowa State University Press, 1966.

A former President of the Iowa State University Chapter of The American Association of University Professors, Dr. Shideler is a member of the American Philosophical Association and the American Academy of Religion. He is now a Professor and Chairman of the Department of Philosophy at Iowa State University, Ames.



DR. DALE E. BRANDON
Consultant in Oceanography



DR. EMERSON W. SHIDELER
Consultant in Philosophy

Magnetic Fields and UFOs

by Dr. James A. Harder

This is the second in a series of articles by Dr. Harder, a Professor of Civil Engineering at the University of California, Berkeley, and a Consultant to APRO in Civil Engineering.

There have been many instances in which magnetic fields have been observed in connection with UFOs, and much speculation that in some mysterious way UFOs may be propelled or supported by either magnetic or sometimes "electromagnetic" fields. Since the Earth's field, something less than one gauss in strength, is so weak, there seems little likelihood that it could be used. This is particularly true when one considers that only the gradient in the field can be put to use, and that this is infinitesimal. We (until now) have never been able to produce a north pole without producing a south pole (through the use of electromagnets, permanent magnets, etc. which are all dipoles). Thus only when there is a gradient, or a changing field, can one of the two poles produce a preponderance of force over the other.

This is not to say that magnetic "uni-poles," either north or south, cannot exist; they have been postulated theoretically, and there are some very good reasons for believing that they will eventually be produced. They would take the form of sub-elementary particles (sometimes called quarks, and for which the name "dyon" has been suggested) that carry both an electrical and a magnetic charge. An application of quantum theory (see "A Magnetic Model of Matter" by Julian Schwinger, *Science*, v. 165, n 3895, August 22, 1969) suggests why such magnetically charged particles have never been found — the force which would hold two oppositely charged particles together is many times that which holds an atomic nucleus together. It is these forces which (theoretically) would hold three dyons together to form a neutron, proton, or electron. Such an

elementary dyon would be permitted an electric charge of +e, -e, +2e, or -2e, where e is one-third the charge on an electron. Similarly it is permitted a magnetic charge of +m, -m, +2m, or -2m. The magnetic charges, for the three dyons, must add up to zero; but the electrical charges need not.

However the excitement of these theoretical possibilities lies not so much in the possibility of forming a magnetically charged body which would be attracted towards either a north or a south pole as in the possibility of enormously more powerful electrical machinery. (Next issue: more on the magnetic model of matter)

Comments

on the Apache Junction Physical Evidence Case

by Dr. Robert W. Johnson

Dr. Johnson is Manager of the Crystal Division, Materials Research Corp., Orangeburg, N.Y. and is a Consultant to APRO in Metallurgy.

We are indebted to Dr. Walker for his careful analysis of the artifact in this case. As reported in his article appearing in the May-June, 1970 issue of *The APRO Bulletin*, the artifact had a core consisting of a wire made from an iron-manganese alloy. Around it was a layer of a fibrous, organic-base material. This in turn was covered with a cylindrical sheath which was found to be calcite, a form of calcium carbonate.

The composition of the wire core suggests a few possible functions: to conduct electricity, to affect a magnetic field by its own magnetic properties, to serve as a structural element, and possibly combinations of the above.

As a conductor, such an alloy has appreciable resistance. If designed as a conductor, then the resistance is intentional, since resistance of conductors is always minimized unless needed. Resistance wires are often used for heating. If that were the purpose here, the temperature to be attained would probably not exceed 300°C., because the sheath materials would probably degrade at higher temperatures. It could also have been intended as a resistance element present only to make the electrical circuit function properly, as a resistor in a TV set.

Iron-manganese alloys have some distinctive magnetic properties. Since magnetic effects have often been associated with UFOs, one is led to speculate that the magnetic property is the important one, if this did indeed come from a UFO.

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Comments —*(Continued from Page Seven)*

But it is difficult to carry the speculation further, since we have no idea how magnetism is used in such vehicles. Also, the estimated magnetic field strength associated with UFOs is beyond the range attained in research on magnetic materials. A sheath would seem unnecessary for magnetic purposes.

The most puzzling part of the story of the artifact is that it melted part of the plastic box it was stored in, although presumably it didn't burn the fingers that placed it in the box. The means of energy storage to accomplish this is not evident from the description of the wire. For reasons given below, it is not explained by the sheath, either.

Dr. Walker has suggested that the calcite sheath may have been originally calcium oxide, which reacted with carbon dioxide in the air to form calcium carbonate, and in so doing evolved sufficient heat to partly melt the plastic box. One objection to that hypothesis is that calcium oxide should also have reacted with water vapor in the air to form calcium hydroxide, but no calcium hydroxide was found. Another is that the sheath undergoing such a reaction would probably crumble to powder because of the large change in volume that the material would undergo in that particular reaction. An example is the so-called "tin pest" by which tin objects can turn into powder in a cold environment due to a change of structure involving a large change in volume.

If we assume that the sheath started as calcite, we cannot invoke chemical heat of reaction as the cause of melting of the plastic. Actually, the chemical energy of reaction could melt the box only if it were released rather rapidly. But a rapid reaction could ensue only if there were a relatively high concentration of CO₂ as fuel for the reaction. At normal atmospheric concentrations of CO₂ the total heat would probably be dissipated over a long time, with only a slight rise in temperature. So it appears that the means of energy storage is not explained by the sheath, either.

One avenue for further study would be to expose a calcium oxide sample to the atmosphere (in Arizona, to match conditions of humidity) for a period of time and then analyze it. A second line of investigation would be a study of the magnetic properties of the alloy. This should be done not only in the conventional, accepted ways but also with an adventurous, "blue sky" approach. For example, the investigator might try to see if energy can be stored in the alloy magnetically. Many discoveries have been made by accidental events that would never have been done deliberately because "it just isn't done."

Two From Wisconsin

John M. Kelley, Field Investigator, has forwarded the following information about two sightings:

On November 8, 1967, Mr. and Mrs. James Dunn were driving to Sun Prairie, Wisconsin and as they turned onto Bailey and Nelson roads they saw an object directly in front of them at about 100 yards distance. Dunn stopped the car and got out and noted that the object was hovering about "two housetops high" and making no sound. They said it appeared to be a solid object with no wings or other protrusions and about the size of a Piper Cub plane with two white lights about the size of car headlights and very close together. The lights gave off no beams. Dunn got back in his car and drove slowly, observing the object which appeared to follow them. Becoming frightened they increased their speed to 90-95 miles per hour and the object stayed with them at a constant distance. As they neared Sun Prairie they noted the object had three or four small flashing red lights which appeared to be spaced about its outer edges. They were smaller than those of a plane. The white lights appeared to have gone off or the object had turned so that they were not in view.

When the Dunns reached Main St. they saw the object veer to the left in the direction toward Madison. They continued down Main St., turned north on Bristol and when they reached MacArthur St. the object suddenly reappeared and followed them to the home of Dunn's sister. Mrs. Dunn went in and got her sister-in-law who came out and saw the object. During the next few minutes as calls to Truax Air Force Base and police were being made, the object disappeared. State Police escorted the Dunns back to their home to get their daughter and baby sitter as they didn't want to stay at home that night. They thought they saw the same object again but couldn't be positive.

Three other couples, Mr. and Mrs. Francis Renz, Mr. and Mrs. Antone Renz and Mr. and Mrs. Robert Blakely also reported seeing the object at the same time - 9 p.m.

Our second sighting in that general area took place at 10 p.m. on the 8th of September 1970. Miss Denise Fritz and her friend Mike Butler were boating on Lake Monona, Wisconsin when they became aware of a lighted object approaching the lake. They at first thought it was going to crash, but it stopped and hovered about 50 to 100 feet above some trees near a boat landing on Winnequah Road.

The object then beamed two bright lights at their boat. They swerved the boat a couple of times but the lights

followed them. They became frightened, went back to the pier as fast as they could with the lights following them. They didn't bother tying up the boat, just ran into Denise's home. Denise said she was so frightened that she was shaking and crying for two hours after the incident. Miss Fritz described the object as oval but said she couldn't focus on it very well to be certain. It made absolutely no sound and neither of the young people felt it could have been an ordinary aircraft.

Four Monona women later reported they had been driving in a car at the corner of Bridge Road and Panther Trail when they spotted a lighted object which they first thought was a low-flying plane. They stopped the car and got out for a closer look, noting that the object was stationary. They couldn't make out a shape, they said, and the object took off immediately after they stopped the car.

The night was clear with the moon low in the northwest and there were some stars. The duration of the sighting by Denise Fritz and Mike Butler was 15 minutes.

Note New Subscription Rates:

In order to streamline office work it has been decided that subscribers will, in the future, pay the same amount for the Bulletin as members do. Please see box below for full information.

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Visitors to APRO

Recent out of State visitors to APRO have included Dr. Harold A. Cahn (Consultant in Physiology), Associate Professor of Biology at Utica College, Utica, New York; Dr. Robert F. Creegan (new Consultant in Philosophy), Professor of Philosophy at the State University of New York, Albany; Mr. William Pitts, Field Investigator in Fort Smith, Arkansas; Mr. David Akers and Mr. David Mischke, Field Investigators from Seattle, Washington; Mr. Laird S. Carter, Field Investigator in Peoria, Illinois; Mr. Ted Phillips, Field Investigator at Sedalia, Missouri.